

U.S. Patent Application Serial No. 09/817,366  
Response dated August 25, 2004  
Reply to OA of February 25, 2004

**AMENDMENT TO THE DRAWINGS:**

The attached sheets of drawings include formal Figs. 1(a), 1(b), 1(c), 1(d), 2(a), 2(b), 2(c), 2(d), 3(a), 3(b), 3(c), 4-6, 7(a), 7(b), 8(a), 8(b), 9, 10(a), 10(b), 10(c), 11(a), 11(b), 12-14, 15(a), 15(b), 15(c), 16(a), 16(b), 16(c), 17(a), 17(b), 18 and 19. These sheets of formal drawings replace the original sheets including Figs. 1(a), 1(b), 1(c), 1(d), 2(a), 2(b), 2(c), 2(d), 3(a), 3(b), 3(c), 4-6, 7(a), 7(b), 8(a), 8(b), 9, 10(a), 10(b), 10(c), 11(a), 11(b), 12-14, 15(a), 15(b), 15(c), 16(a), 16(b), 16(c), 17(a), 17(b), 18 and 19, respectively.

[illegible]



FIG.2(a)

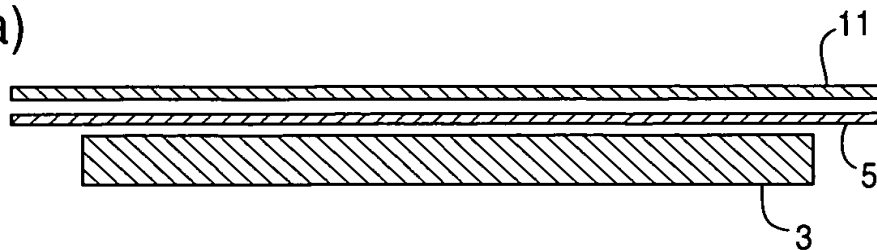


FIG.2(b)

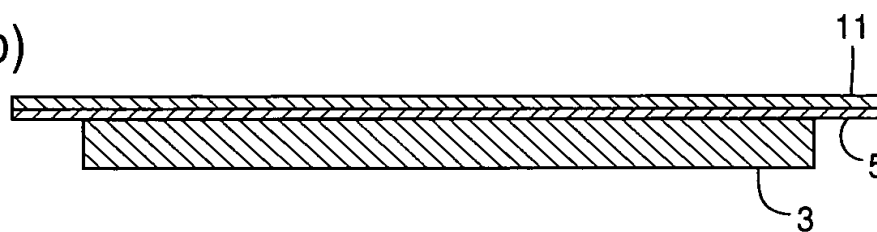


FIG.2(c)

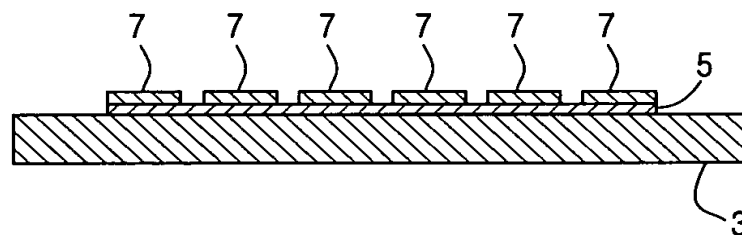


FIG.2(d)

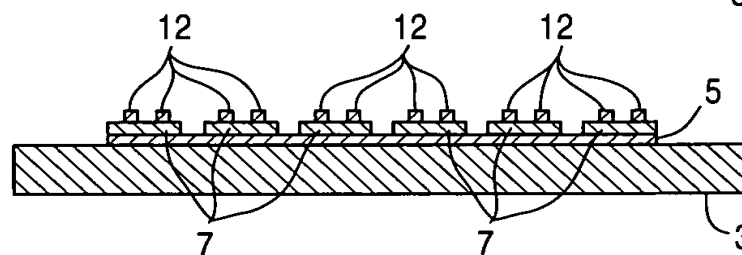




FIG.3(a)

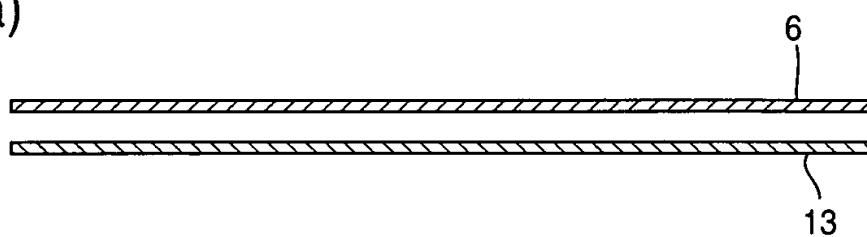


FIG.3(b)

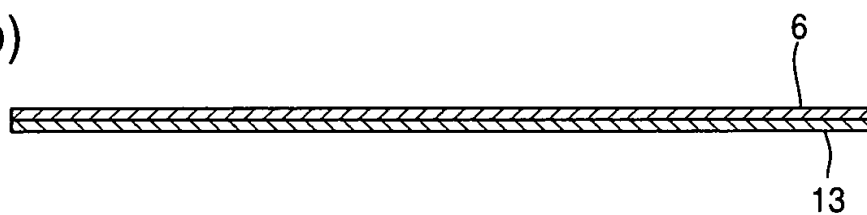


FIG.3(c)

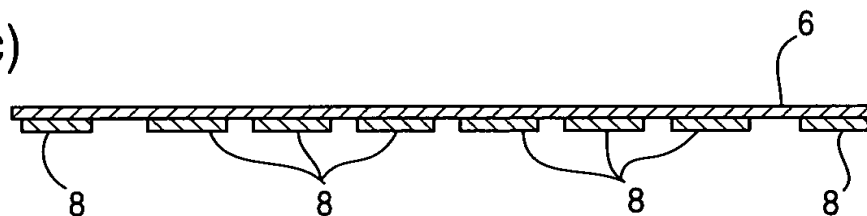




FIG.4

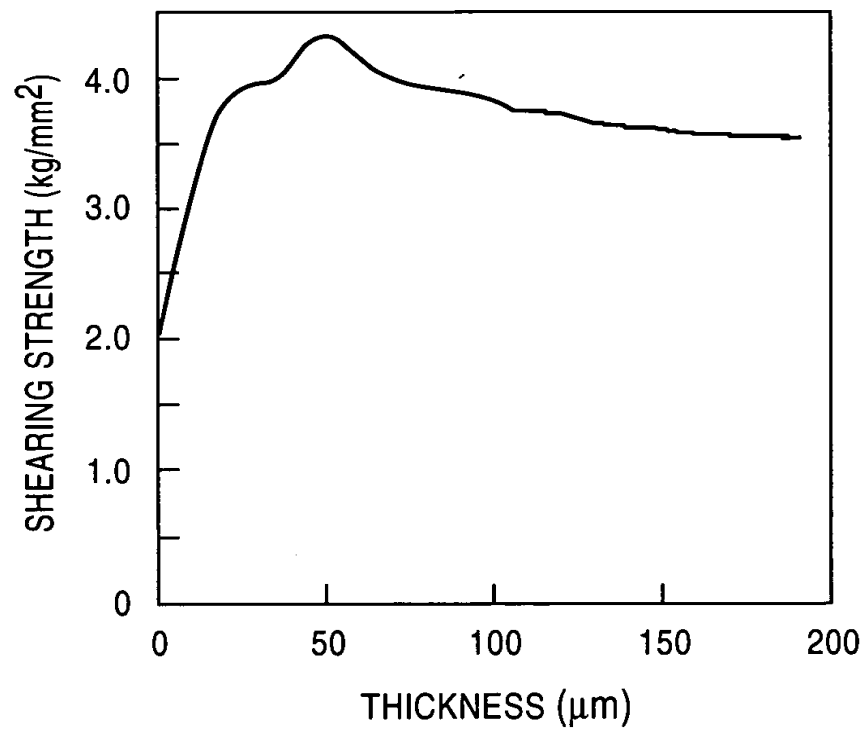




FIG.5

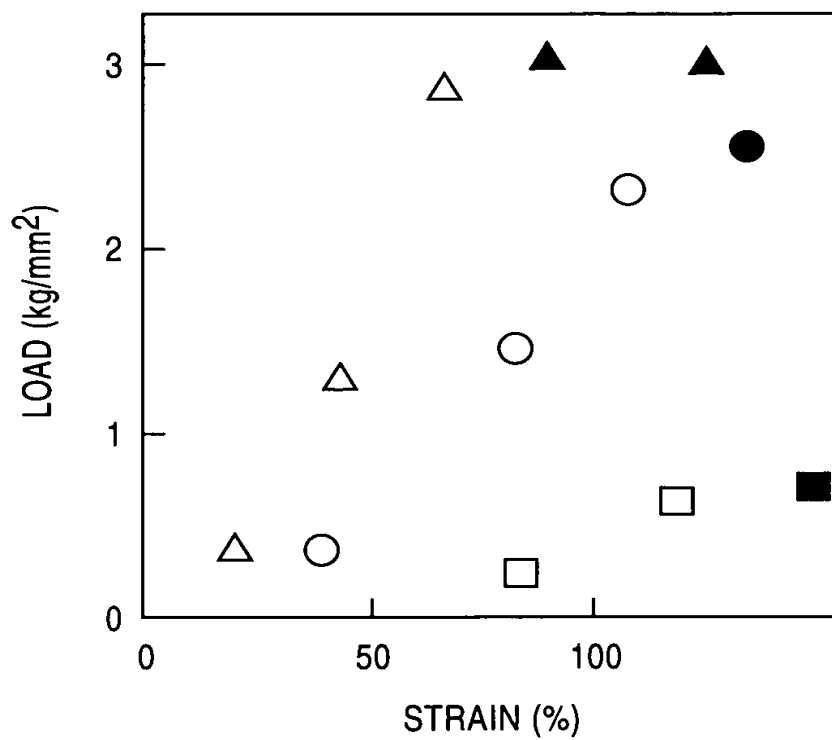
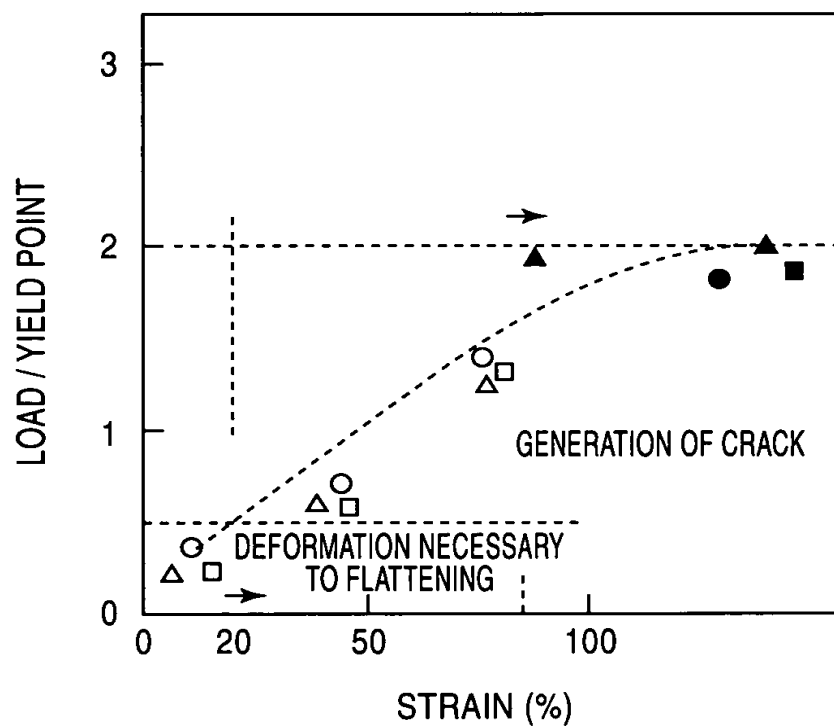




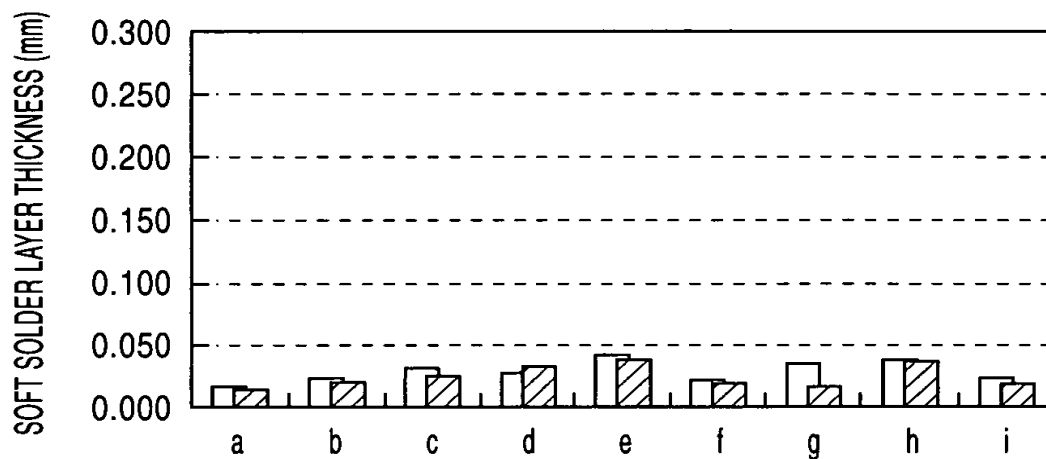
FIG. 6





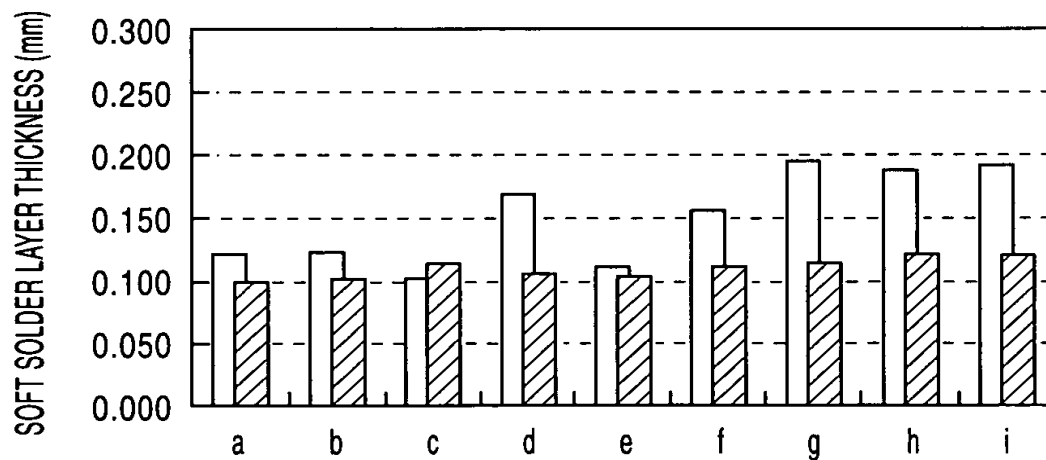
**FIG.7(a)**

(HIGH PRESSURE DURING SOFT SOLDERING, WITHOUT COPPER POWER)



**FIG.7(b)**

(HIGH PRESSURE DURING SOFT SOLDERING, WITH COPPER POWER)

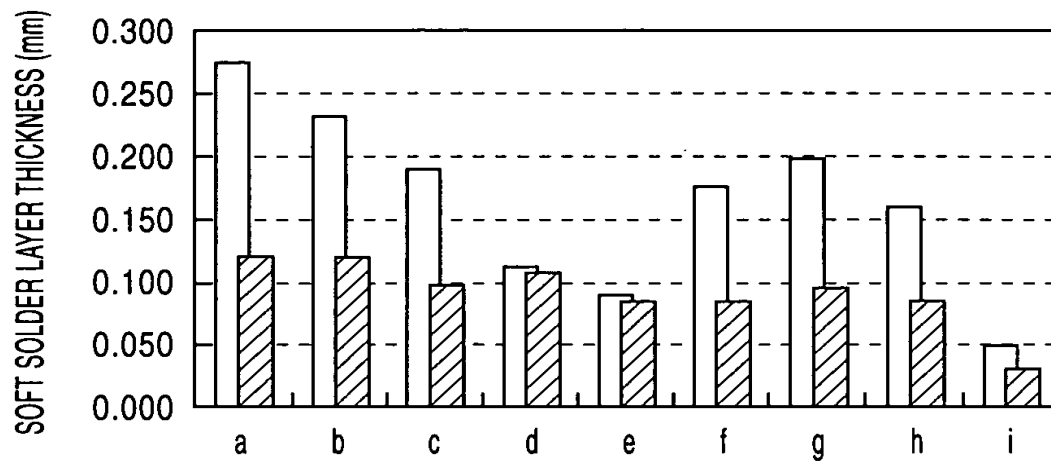






**FIG.8(a)**

(LOW PRESSURE DURING SOFT SOLDERING, WITHOUT COPPER POWER)



**FIG.8(b)**

(LOW PRESSURE DURING SOFT SOLDERING, WITH COPPER POWER)

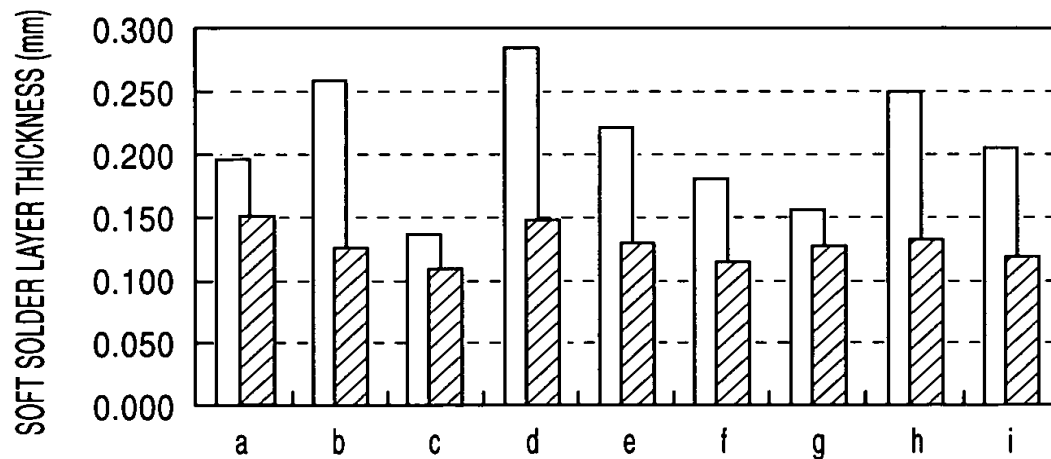
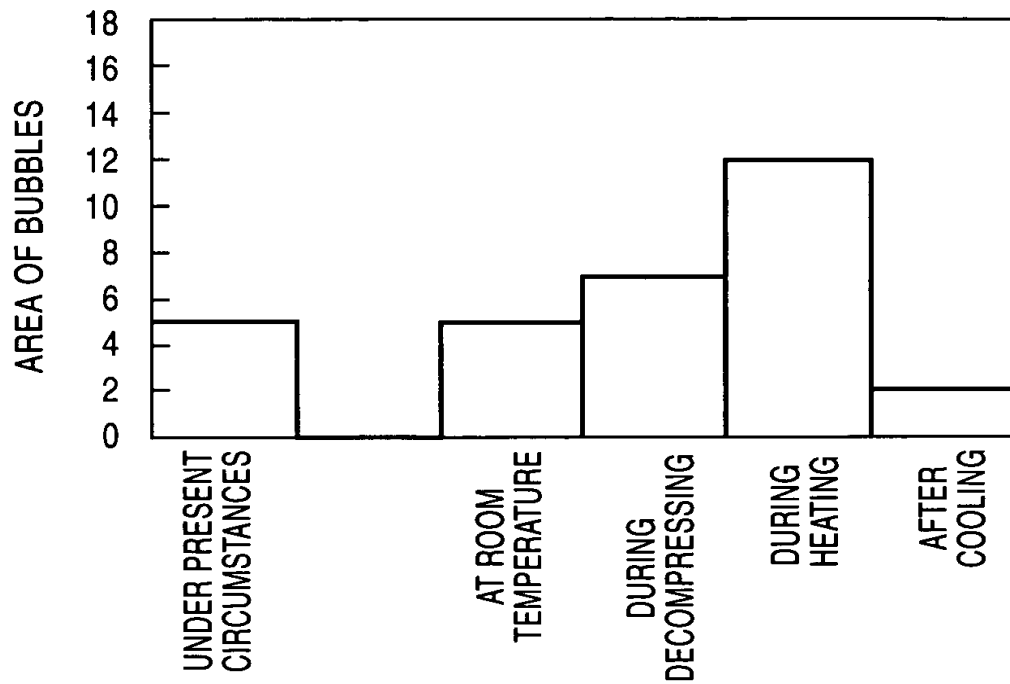


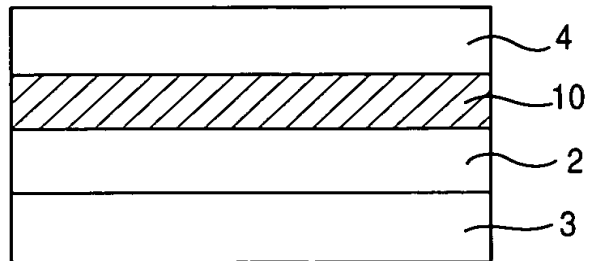


FIG. 9

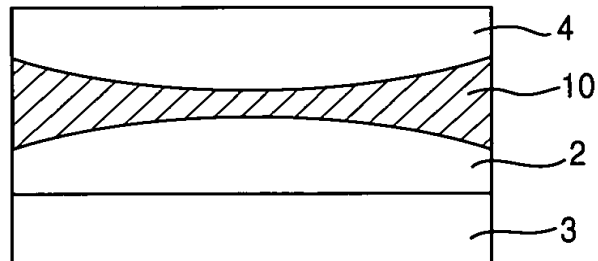




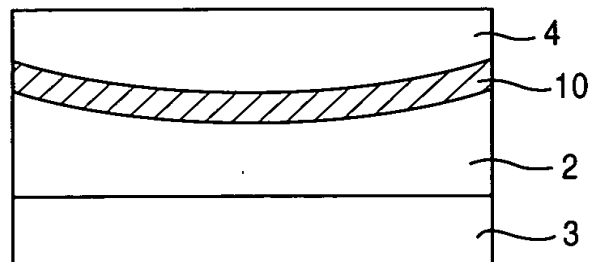
**FIG.10(a)**  
IDEAL



**FIG.10(b)**  
UNDER PRESENT  
CIRCUMSTANCES

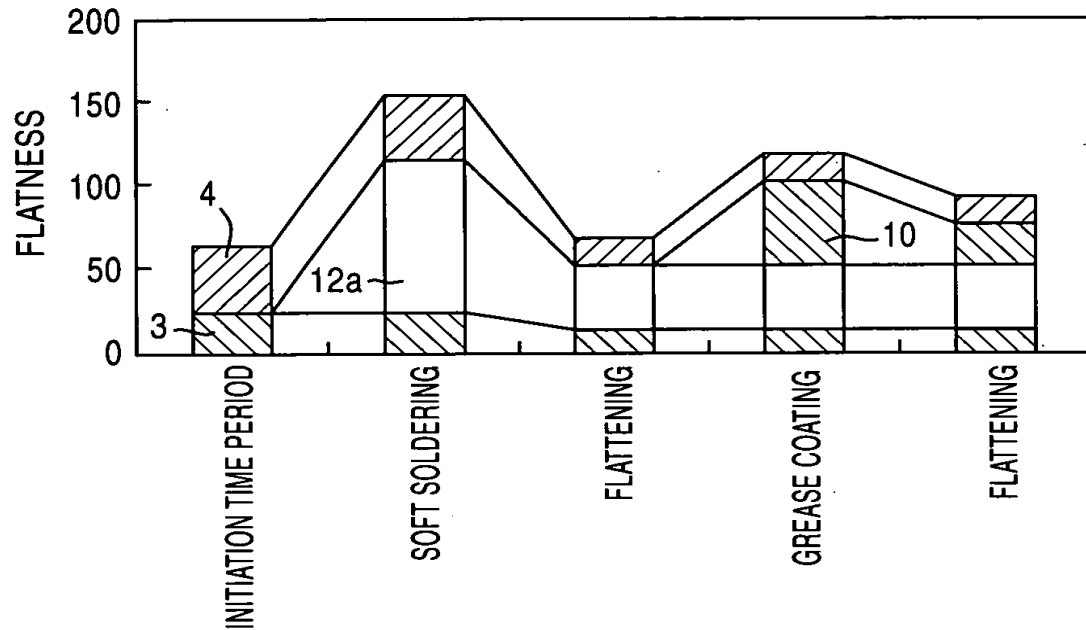


**FIG.10(c)**  
PRESENT INVENTION





**FIG.11(a)**  
PRESENT INVENTION



**FIG.11(b)**  
UNDER PRESENT CIRCUMSTANCES

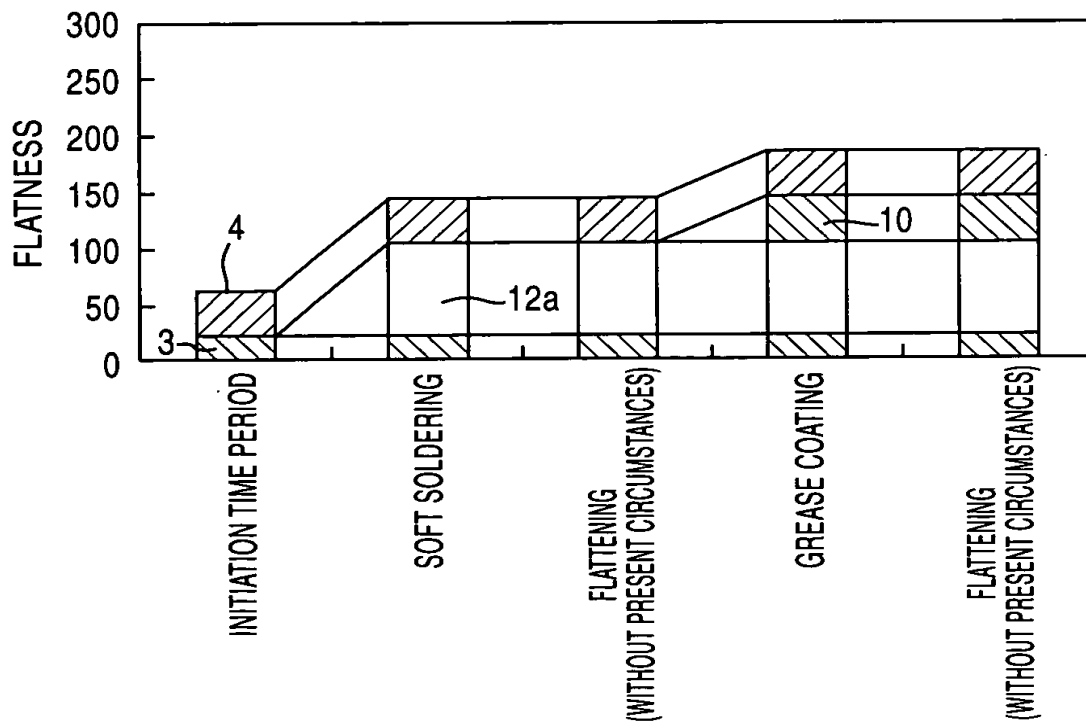




FIG.12

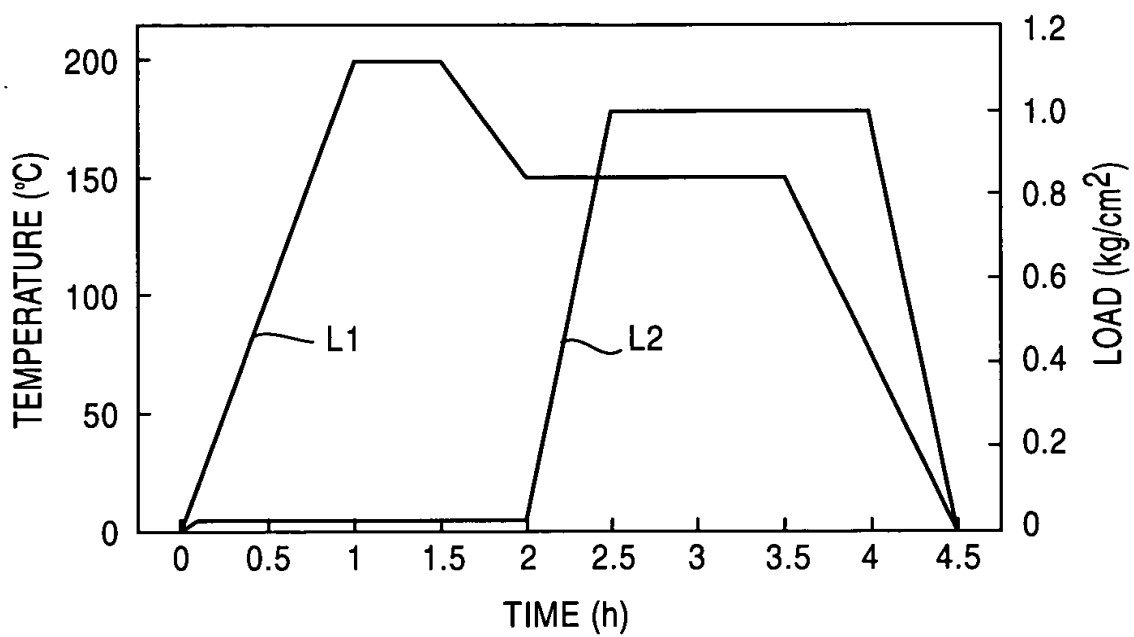




FIG.13

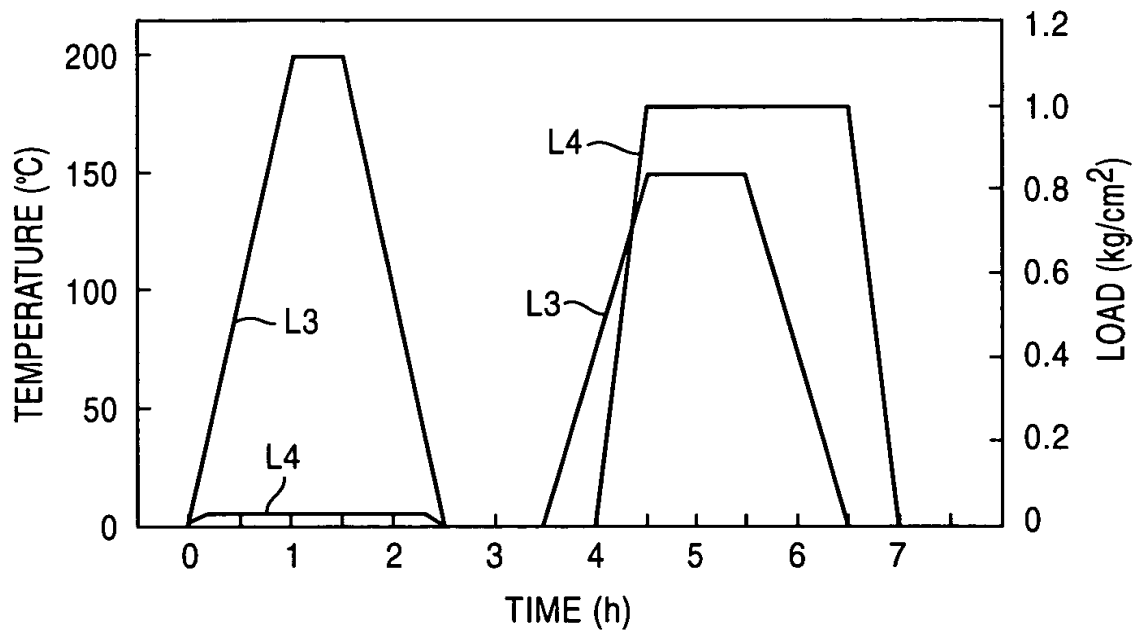
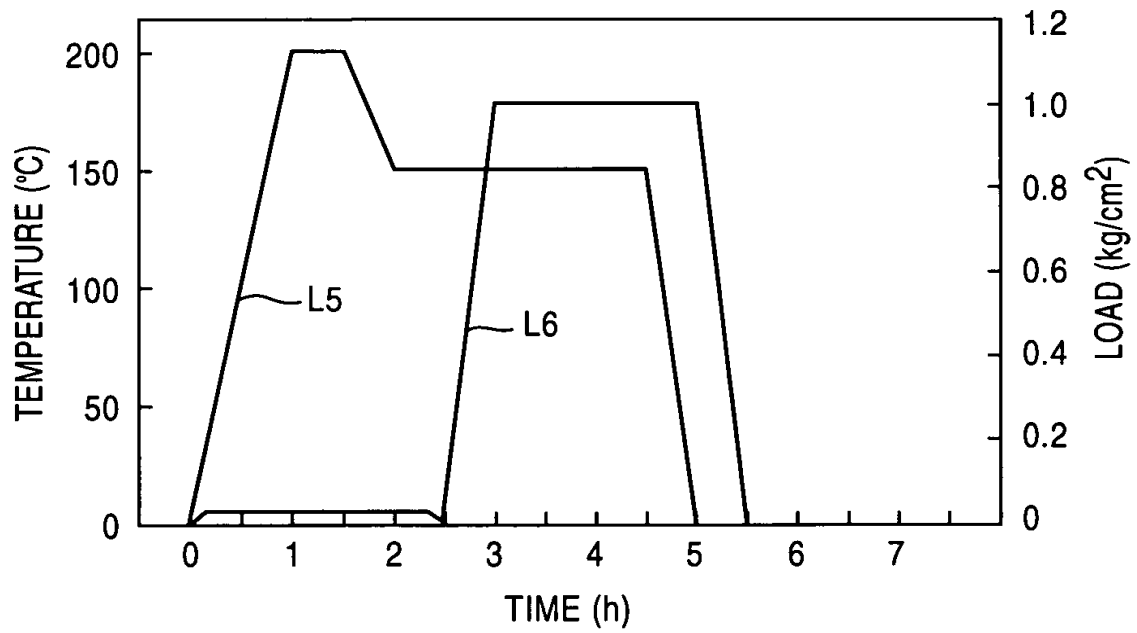




FIG.14



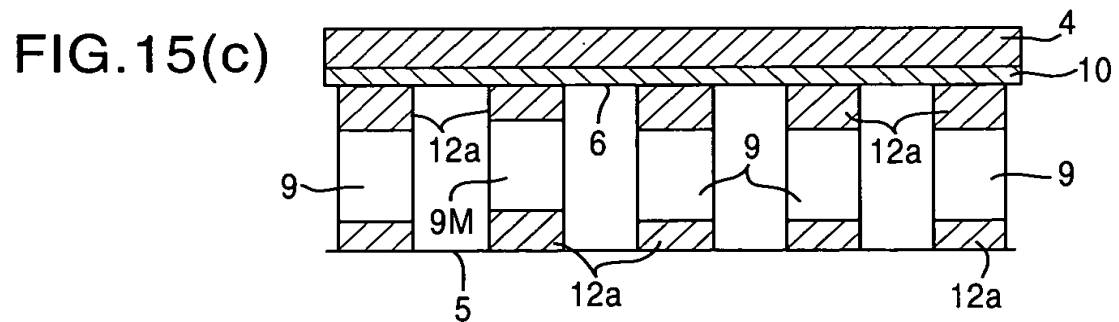
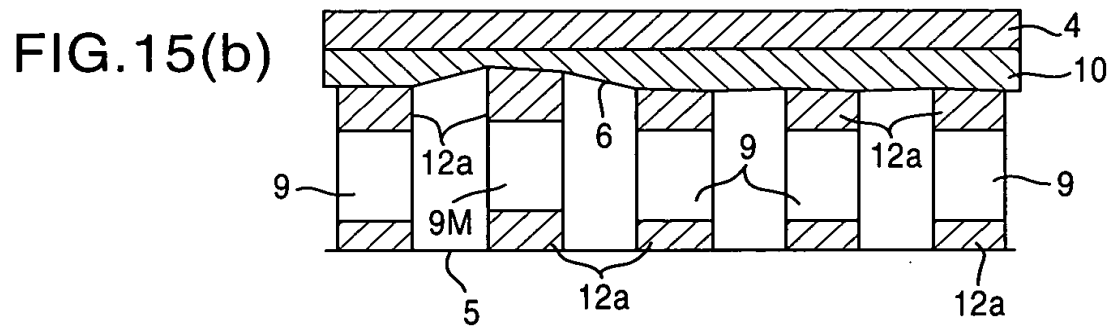
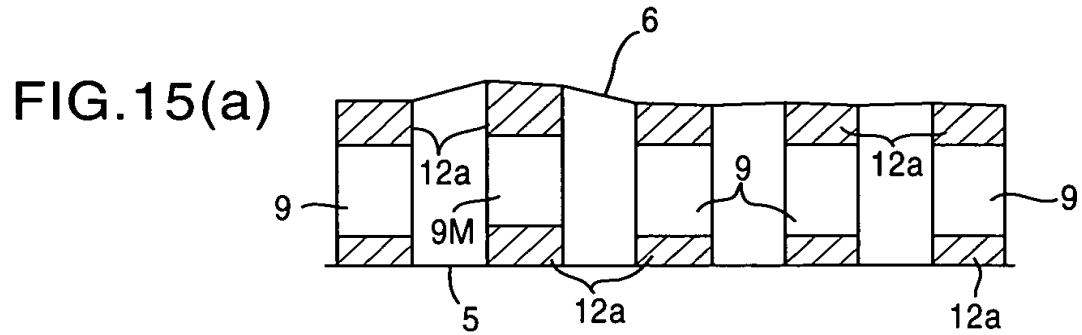






FIG.16(a)

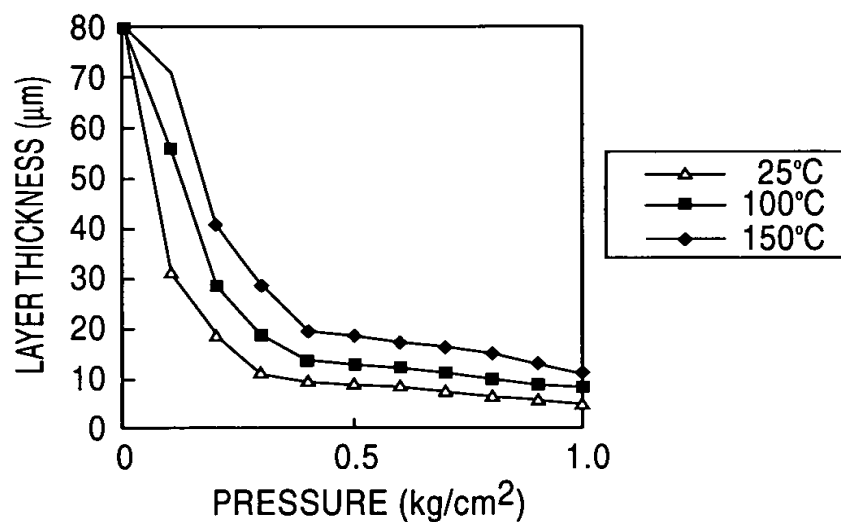


FIG.16(b)

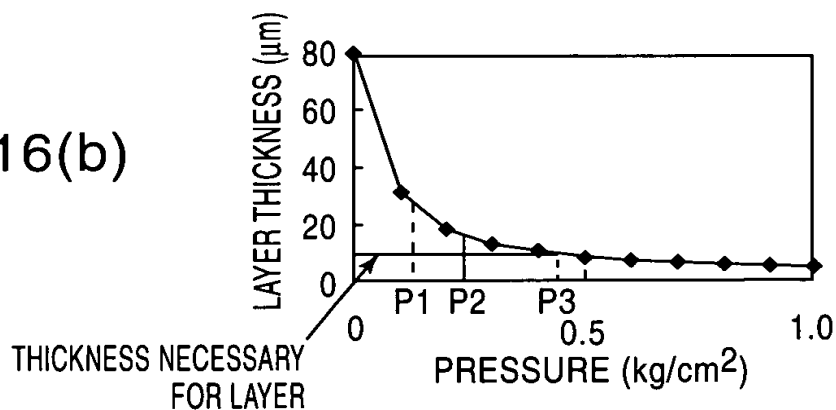


FIG.16(c)

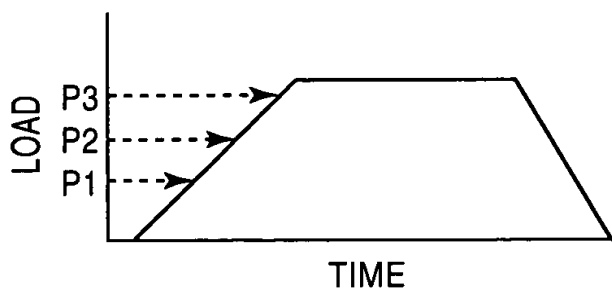




FIG.17(a)

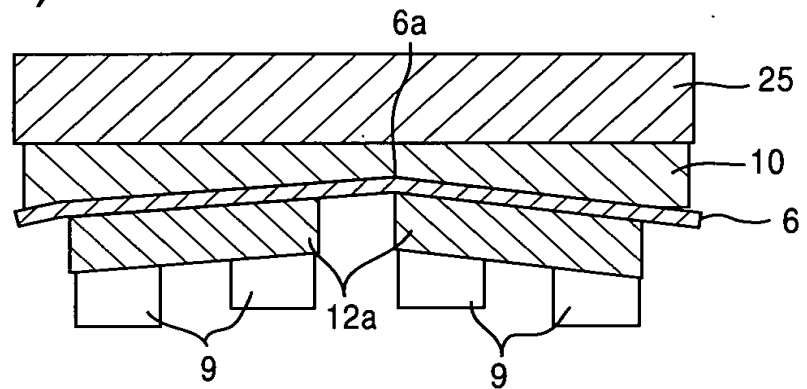


FIG.17(b)

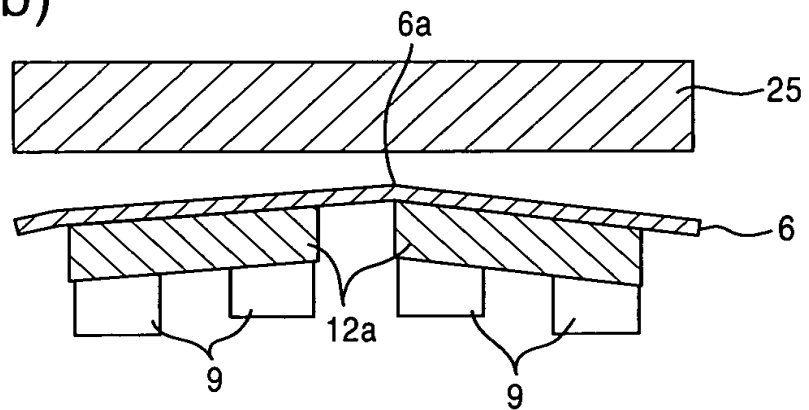
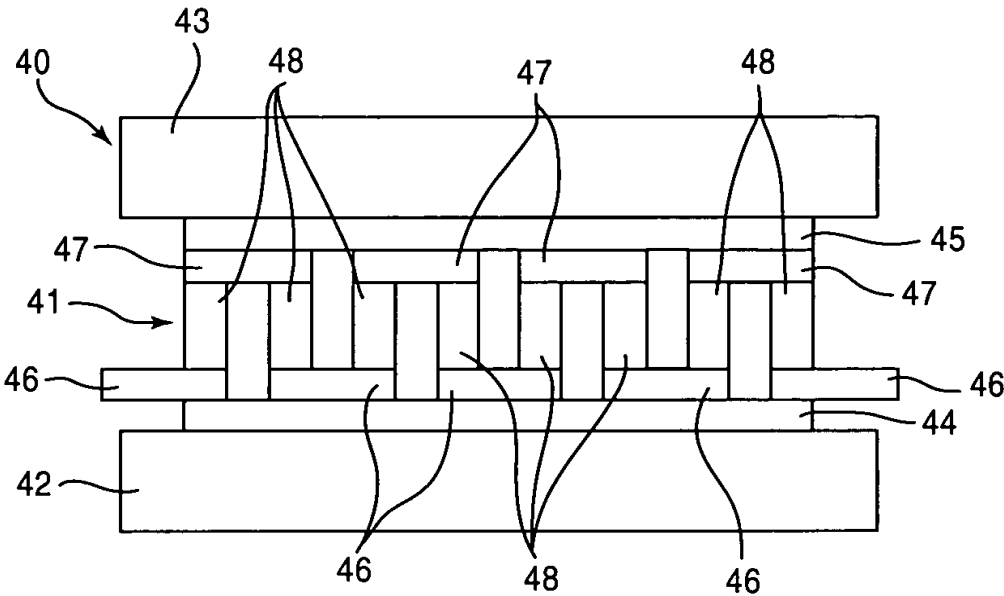




FIG.18





**FIG.19**  
PRIOR ART

